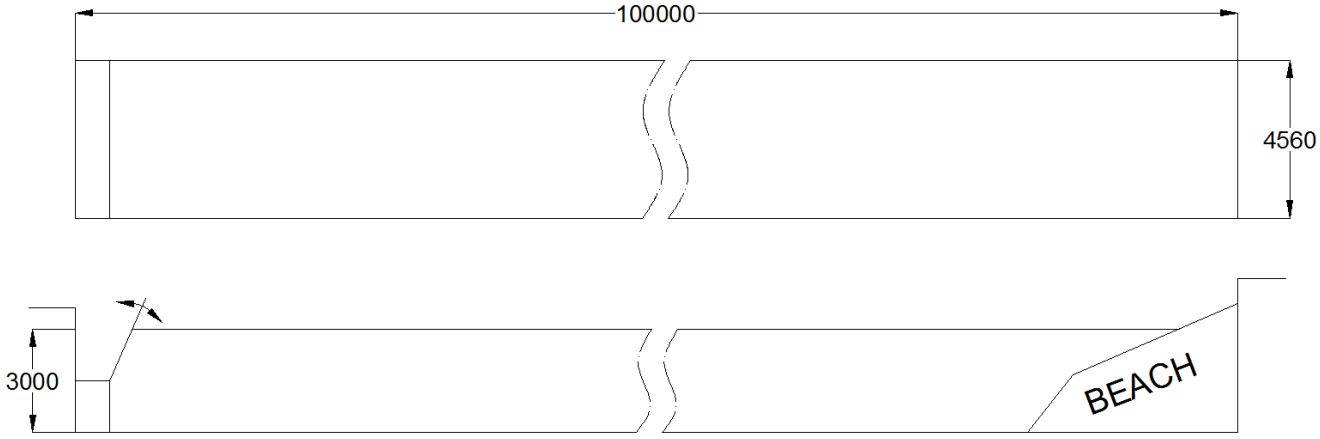
Name of organization NATIONAL TECHNICAL UNIVERSITY OF ATHENS LABORATORY FOR SHIP AND MARINE HYDRODYNAMICS	**Year of information updating** 2016
Year established 1972	**Year of joining the ITTC** 1972
Address	**Status in the ITTC** MEMBER
Contact details (phone, fax, e-mail) TEL. (+30)-210-7721036, 7721061 FAX (+30)-210-7721032	**Website** http://cadmos.deslab.naval.ntua.gr/enthy/

Type of facility TOWING TANK	**Year constructed / upgraded** 1978
Name of facility LAB FOR SHIP & MARINE HYDRODYNAMICS	**Location** (if different from the above address)

Main characteristics (dimensions of tank/basin/test section; for simulators: full mission, part task or desk top)
L X B X D = 100 m X 4.6 m X 3.0 m

Drawings of facility



Detailed characteristics (carriages, wave/current/wind generators, instrumentations, etc.)

DESCRIPTION OF CARRIAGE:	KEMPF & REMMERS, MANNED
TYPE OF DRIVE SYSTEM AND TOTAL POWER:	FOUR ELECTRIC D.C. MOTORS 51KW CONTROLLED BY A PLC BASED THYRISTOR CONTROL SYSTEM SUPLIED BY CUSSONS TECHNOLOGY
MAXIMUM CARRIAGE SPEED:	5.5 m/s
OTHER CAPABILITIES:	CALIBRATION OF CURRENT METERS
WAVE GENERATION CAPABILITY:	REGULAR, RANDOM AND TRANSIENT
WAVEMAKER TYPE AND EXTENT:	SINGLE-FLAP, ELECTRO-HYDRAULIC, 4.6 m
BEACH TYPE AND LENGTH:	LATERAL SERIES OF WOODEN STRIPS IN THE UPPER PART AND WAVY PANELS IN THE LOWER
METHOD OF IRREGULAR WAVE GENERATION:	DIGITAL FILTERING OF WHITE NOISE
INSTRUMENTATION:	PCs ON THE CARRIAGE, DATA ACQUISITION SYSTEM UP TO 128 CHANNELS
MODEL SIZE RANGE:	2÷6 m

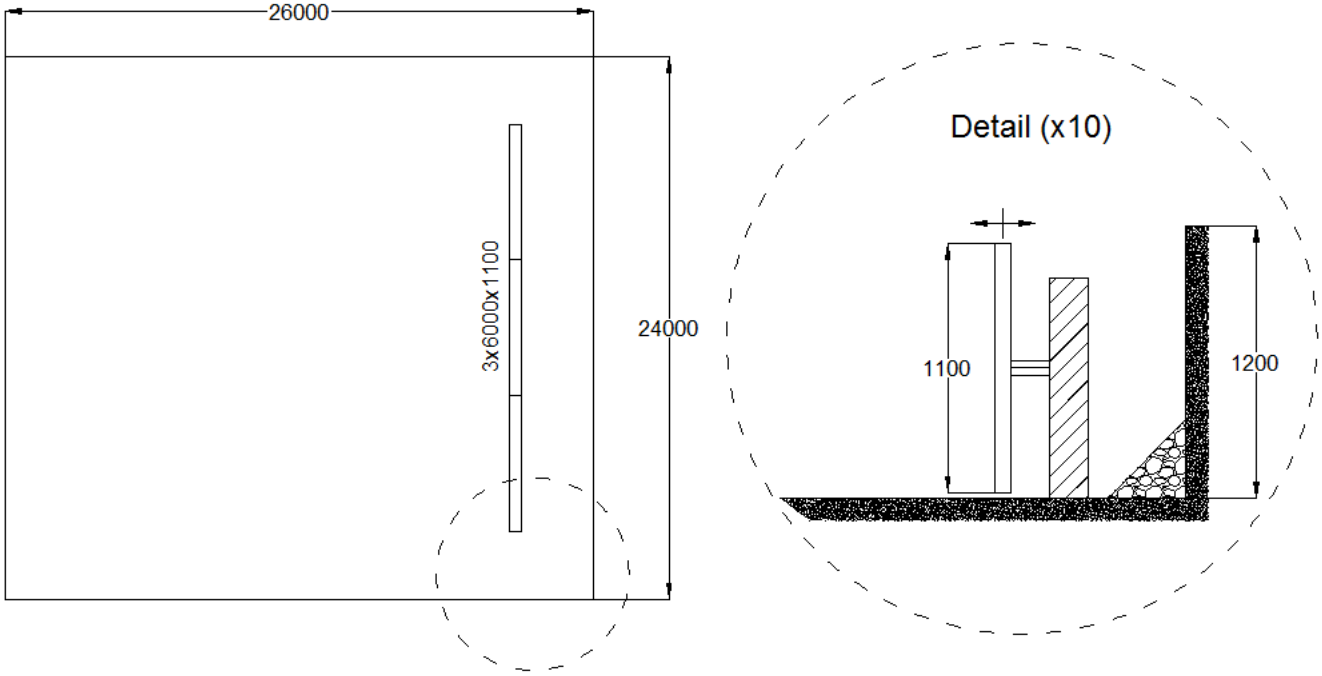
Applications (Tests performed)	RESISTANCE, SELF-PROPULSION, SEAKEEPING, OPEN-WATER PROPELLER, NOMINAL WAKE MEASUREMENT, SAILING YACHT TESTING, FLOATING PLATFORM & TLP TESTS, BREAKWATERS & ENERGY PRODUCING DEVICES
Published description (Publications on this facility)	

Name of organization NATIONAL TECHNICAL UNIVERSITY OF ATHENS LABORATORY OF HARBOUR WORKS	**Year of information updating** 2016
Year established 1982	**Year of joining the ITTC**
Address	**Status in the ITTC** MEMBER
Contact details (phone, fax, e-mail) TEL. (+30)-210-7722367 FAX (+30)-210-7722368 lhw@ntua.gr	**Website**

Type of facility WAVE FLUME	**Year constructed / upgraded** 1995
Name of facility LAB OF HARBOUR WORKS	**Location** (if different from the above address)

Main characteristics (dimensions of tank/basin/test section; for simulators: full mission, part task or desk top)
L X B X D = 26 m X 24 m X 1.1 m

Drawings of facility



Detailed characteristics (carriages, wave/current/wind generators, instrumentations, etc.)

DESCRIPTION OF CARRIAGES:	ELECTRO-DRIVEN, NOT FOR TOWING MODELS
WAVE GENERATION CAPABILITY:	REGULAR, IRREGULAR, TRANSIENT
WAVEMAKER TYPE AND EXTENT:	THREE MOVABLE WAVEMAKERS DRIVEN BY A 230 KVA ELECTRO-HYDRAULIC SYSTEM
BEACH TYPE AND LENGTH:	PEBBLES PERIMETRICALY
METHOD OF IRREGULAR WAVE GENERATION:	DIGITAL FILTER SHAPING OF WHITE NOISE
INSTRUMENTATION:	PCs, DATA ACQUISITION SYSTEM UP TO 128 CHANNELS

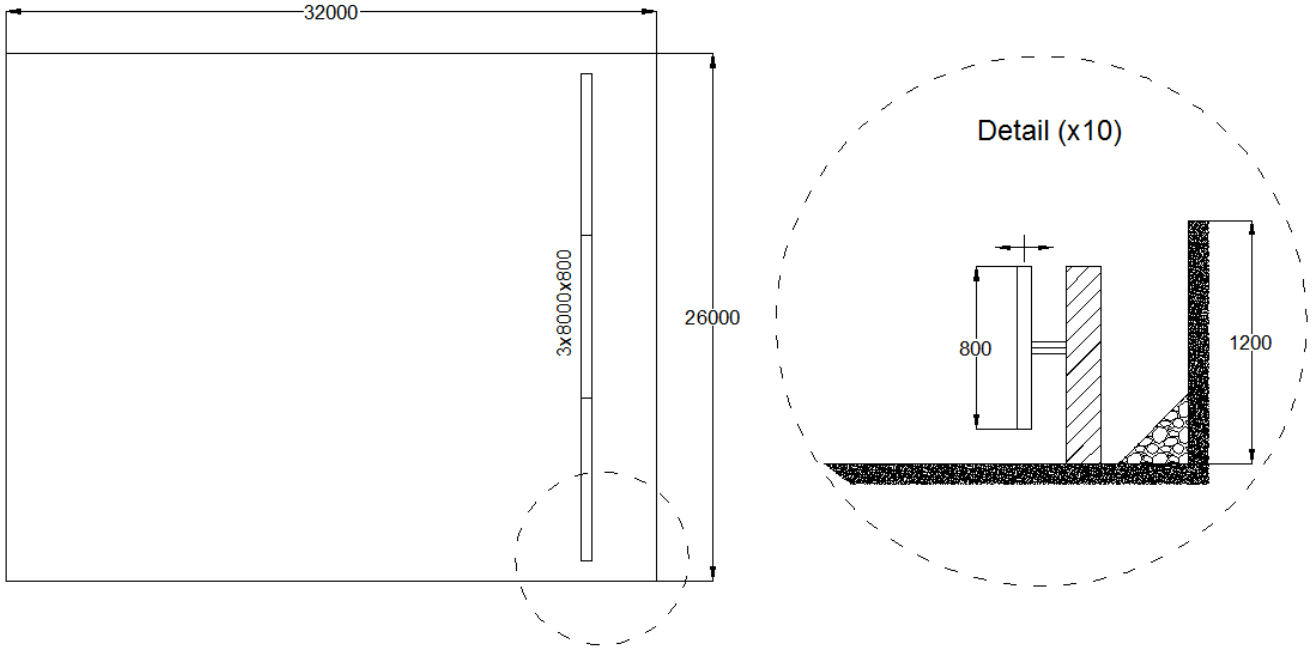
Applications (Tests performed)	HARBOUR WORKS, BREAKWATERS, ENERGY PRODUCING DEVICES, MOORED SHIPS, WAVE PROPAGATION
Published description (Publications on this facility)	

Name of organization NATIONAL TECHNICAL UNIVERSITY OF ATHENS LABORATORY OF HARBOUR WORKS	**Year of information updating** 2016
Year established 1982	**Year of joining the ITTC**
Address	**Status in the ITTC** MEMBER
Contact details (phone, fax, e-mail) TEL. (+30)-210-7722367 FAX (+30)-210-7722368 lhw@ntua.gr	**Website**

Type of facility WAVE FLUME	**Year constructed / upgraded** 1995
Name of facility LAB OF HARBOUR WORKS	**Location** (if different from the above address)

Main characteristics (dimensions of tank/basin/test section; for simulators: full mission, part task or desk top)
L X B X D = 32 m X 26 m X 1.0 m

Drawings of facility



Detailed characteristics (carriages, wave/current/wind generators, instrumentations, etc.)

DESCRIPTION OF CARRIAGES:	ELECTRO-DRIVEN, NOT FOR TOWING MODELS
WAVE GENERATION CAPABILITY:	REGULAR, IRREGULAR, TRANSIENT
WAVEMAKER TYPE AND EXTENT:	THREE MOVABLE WAVEMAKERS DRIVEN BY A 230 KVA ELECTRO-HYDRAULIC SYSTEM
BEACH TYPE AND LENGTH:	PEBBLES PERIMETRICALY
METHOD OF IRREGULAR WAVE GENERATION:	DIGITAL FILTER SHAPING OF WHITE NOISE
INSTRUMENTATION:	PCs, DATA ACQUISITION SYSTEM UP TO 128 CHANNELS

Applications (Tests performed)	HARBOUR WORKS, BREAKWATERS, ENERGY PRODUCING DEVICES, MOORED SHIPS, WAVE PROPAGATION
Published description (Publications on this facility)	